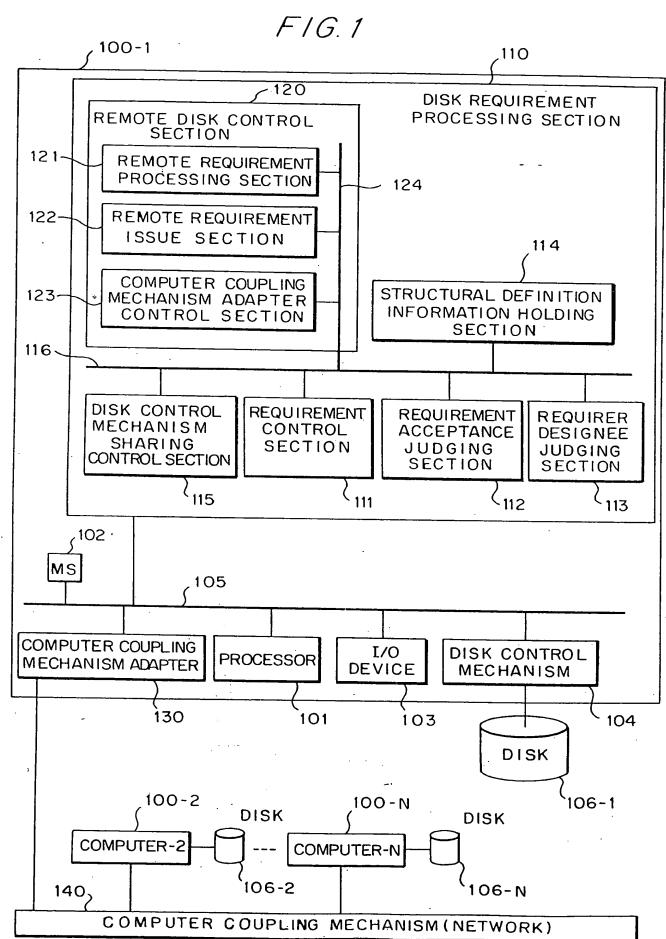
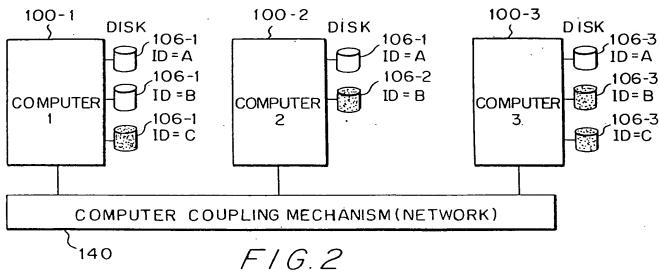
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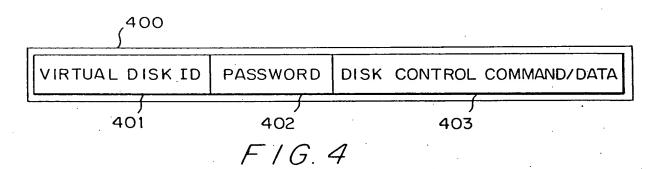


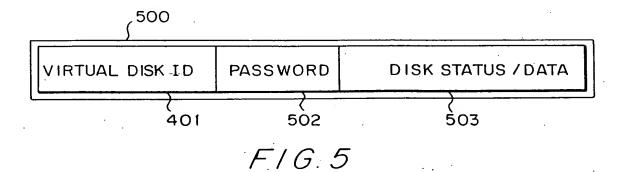


LOCAL COMPUTER

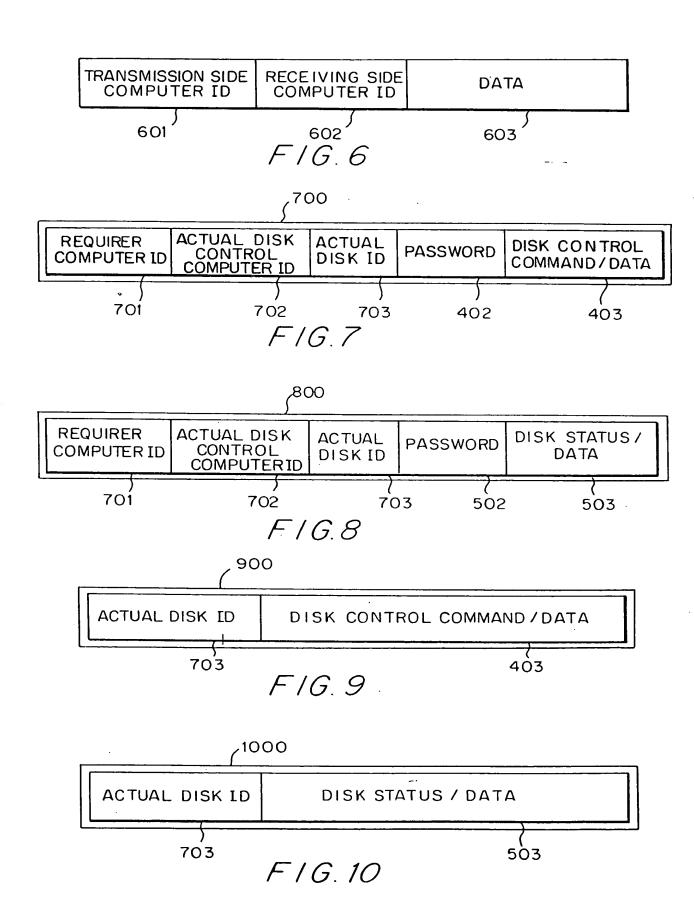
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F/G.3





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F1G. 12

NON-REMOTE REQUIREMENT PROCESSING

THE REQUIREMENT CONTROL SECTION 111 PREPARES
AN ACTUAL DISK PROCESSING REQUIREMENT COMMAND
900 FROM THE DISK REQUIREMENT COMMAND 400.

THE REQUIREMENT CONTROL SECTION 111 ISSUES THE ACTUAL DISK PROCESSING REQUIREMENT COMMAND 900 TO THE DISK CONTROL MECHANISM SHARING CONTROL SECTION 115

THE DISK CONTROL MECHANISM SHARING CONTROL SECTION 115 SERIALIZES THE ACTUAL DISK PROCESSING REQUIREMENT COMMAND 900 ISSUED FROM THE REMOTE REQUIREMENT PROCESSING SECTION 121 AND REQUIREMENT CONTROL SECTION 111, AND ISSUES IT TO THE DISK CONTROL MECHANISM 104.

THE DISK CONTROL MECHANISM 104 CONTROLS A DISK (FROM 106-1 TO 106-N) USING THE ACTUAL DISK PRO-CESSING REQUIREMENT COMMAND 900

THE DISK CONTROL MECHANISM 104 RETURNS AN ACTUAL DISK PROCESSING STATUS 1000 TO THE DISK CONTROL MECHANISM SHARING CONTROL SECTION 115 AS A RETURN VALUE TO THE CONTROL TO THE DISK (FROM 106-1 TO 106-N) BY THE ACTUAL DISK PROCESSING REQUIREMENT COMMAND 900

THE DISK CONTROL MECHANISM SHARING CONTROL SECTION 115 RETURNS THE ACTUAL DISK PROCESSING STATUS 1000 TO THE REQUIREMENT CONTROL SECTION 111.

THE REQUIREMENT CONTROL SECTION 111 CREATES A DISK PROCESSING STATUS 500 FROM THE ACTUAL DISK PROCESSING STATUS 1000 BASED ON THE STRUCTURAL DEFINITION INFORMATION.

THE REQUIREMENT CONTROL SECTION 111 RETURNS
THE DISK PROCESSING STATUS 500 TO THE PROCESSOR 101.

NON-REMOTE REQUIREMENT PROCESSING ENDS.

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REMOTE REQUIREMENT ISSUE OPERATION ENDS.

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F/G. 14a

REMOTE REQUIREMENT ACTUAL DISK PROCESSING.

THE REMOTE REQUIREMENT PROCESSING SECTION 121 CREATES AN ACTUAL DISK PROCESSING REQUIREMENT COMMAND 900 FROM THE REMOTE DISK PROCESSING REQUIREMENT COMMAND 700.

THE REMOTE REQUIREMENT PROCESSING SECTION 121 ISSUES THE ACTUAL DISK PROCESSING REQUIREMENT COMMAND 900 TO THE DISK CONTROL MECHANISM SHARING CONTROL SECTION 115.

THE DISK CONTROL MECHANISM SHARING CONTROL SECTION 115 SERIALIZES THE ACTUAL DISK PROCESSING COMMAND 900 ISSUED FROM THE REMOTE REQUIREMENT PROCESSING SECTION 121 AND THE REQUIREMENT CONTROL SECTION 111, THEN ISSUES IT TO THE DISK CONTROL MECHANISM 104.

THE DISK CONTROL MECHANISM 104 CONTROLS A DISK (FROM 106-1 TO 106-N) USING THE ACTUAL DISK PROCESSING REQUIREMENT COMMAND 900.

THE DISK CONTROL MECHANISM 104 RETURNS THE
ACTUAL DISK PROCESSING STATUS 1000 TO THE DISK
CONTROL MECHANISM SHARING CONTROL SECTION
115 AS A RETURN VALUE OF THE CONTROL OF THE
DISK (FROM 106-1 TO 106-N) BY THE ACTUAL DISK
PROCESSING REQUIREMENT COMMAND 900.

THE DISK CONTROL MECHANISM SHARING SECTION 115
RETURNS THE ACTUAL DISK PROCESSING STATUS 1000
TO THE REMOTE REQUIREMENT PROCESSING SECTION
1470

THE REMOTE REQUIREMENT PROCESSING SECTION 121 CREATES A REMOTE DISK PROCESSING STATUS 800 FROM THE ACTUAL DISK PROCESSING STATUS 1000 BASED ON THE STRUCTURAL DEFINITION INFORMATION, AND THE FLOW PROCEEDS TO THE STEP 1480.

THE REMOTE REQUIREMENT PROCESSING SECTION 121
REQUESTS THE TRANSMISSION OF THE REMOTE DISK
PROCESSING STATUS 800 TO THE COMPUTER COUPLING
MECHANISM ADAPTER 124.

THE COMPUTER COUPLING MECHANISM ADAPTER 123
TRANSFERS THE REMOTE DISK PROCESSING STATUS 800
TO THE REMOTE REQUIREMENT ISSUE SECTION 122 OF THE
REQUIRER COMPUTER THROUGH THE COMPUTER COUPLING
MECHANISM ADAPTER 130

FIG.14b

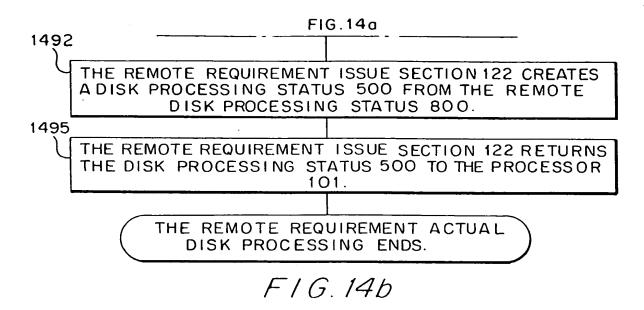
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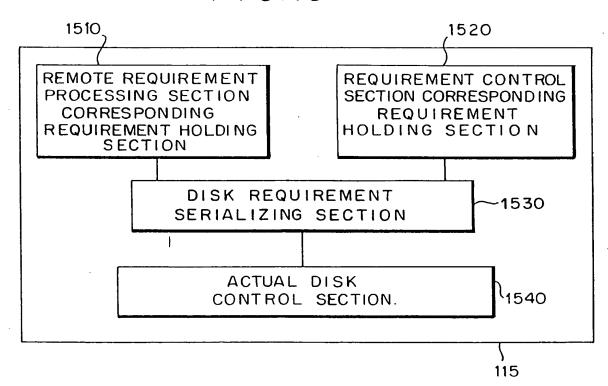




FIG. 16

REMOTE REQUIREMENT REFUSING PROCESSING.

1610

THE REMOTE REQUIREMENT PROCESSING SECTION 121 CREATES A REMOTE DISK PROCESSING STATUS 800 FROM THE STATUS TO THE ACCESS RIGHT ERROR AND PASS WORD ERROR AND REMOTE DISK PROCESSING REQUIREMENT COMMAND 700.

1620

THE REMOTE REQUIREMENT PROCESSING SECTION 121 REQUESTS THE COMPUTER COUPLING MECHANISM ADAPTER CONTROL SECTION 123 TO TRANSMIT THE REMOTE DISK PROCESSING STATUS 800.

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THE COMPUTER COUPLING MECHANISM
ADAPTER 123 TRANSFERS THE REMOTE DISK
PROCESSING STATUS 800 TO THE REMOTE
REQUIREMENT ISSUE SECTION 122 OF THE
REQUIRER COMPUTER THROUGH THE COMPUTER
COUPLING MECHANISM ADAPTER 130.

1640

THE REMOTE REQUIREMENT ISSUE SECTION 122 CREATES A DISK PROCESSING STATUS 500 FROM THE REMOTE DISK PROCESSING STATUS 800.

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THE REMOTE REQUIREMENT ISSUE SECTION 122 RETURNS THE DISK PROCESSING STATUS 500 TO THE PROCESSOR 101.

REMOTE REQUIREMENT REFUSE PROCESSING ENDS.

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